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(54) Title: FREE-RADICAL FUNCTIONALIZED POLYSACCHARIDES

(57) Abstract: The invention concerns a method for functionalizing polysaccharides using a source or free radicals which forms stable radicals on the polysaccharides structure and wherein the formed radicals reacts with a functionalized unsaturated compound, characterized in that the method comprises two steps: a first step, wherein the free radical on the polysaccharide chain is formed, and a second step, wherein said radical reacts with the unsaturated compound in the absence of the radical source. The invention also relates to the functionalized polysaccharide obtained by this process.

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